

# EQUIPMENT RATES

### EQUIPMENT RATES

The figures shown in this section are for equipment rates only. Operator rates are not included but can be found in the labor rates section. The equipment rates include fuel, oil, lubrication, repairs, maintenance, and insurance. The cost of moving most equipment to the job is included in Section 151 - Mobilization. *Profit and overhead charged to equipment are included herein (16 percent).*

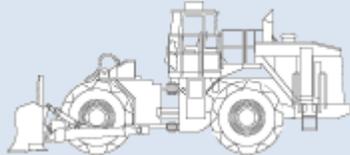
The rates shown herein were derived from the *Rental Rate Blue Book For Construction Equipment*. The models shown should be considered typical and their rates can be applied to similar equipment. Under most situations, the estimator should use the equipment rates listed for equipment that is 15 years of age with compatible production rates. Equipment rates for equipment that is 5 years of age may be used when it is expected to be used for the work being estimated. Local rates should be used if local equipment is generally available at a rate different than those shown herein.

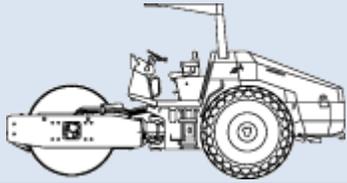
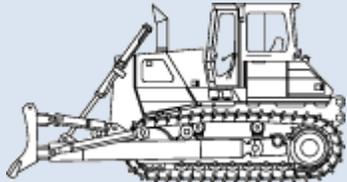
For rates not shown in Table 622, estimator should refer to *Blue Book* equipment rates and correct procedures for age and location factors. For work lasting 40 hours or less, the base rate is determined by dividing the *Blue Book* daily rate by eight. For work lasting over 40 hours, the base rate is determined by dividing the *Blue Book* monthly rate by 176. The rates shown herein (Table 622) are for work in excess of 40 hours.

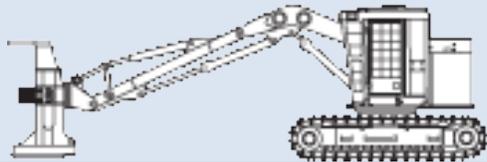
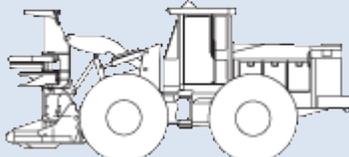
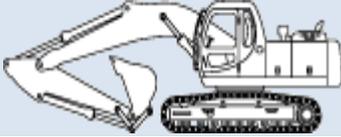
*Location factors from the Blue Book have been applied to the rates in Table 622. They reflect the variations between National averages and local conditions caused by the differences in topography, construction seasons, and the costs of labor, freight, taxes, etc. The location factor used was for Montana.*

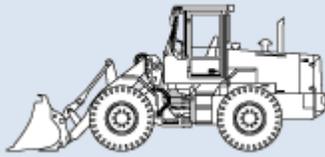
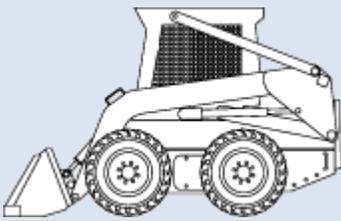
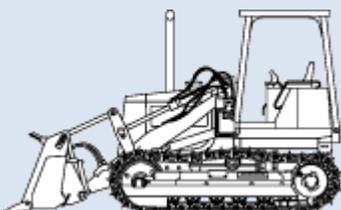
The use of brand names is for the ease of identification of the type and size of equipment and does not constitute an endorsement of any product. Some models listed are no longer manufactured or were not manufactured during the time period under which they are classified.

**Table 622. Equipment Rates (Cost/Hr WITHOUT Operator)**  
 2011 Rental Rate Blue Book +10% overhead + 6 % profit

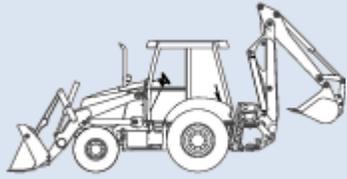
Equipment Class and Description	Age	
	5	15
<b>Air Equipment</b>		
<b>Air Track Drill</b>		
Atlas Copco CM345/VL140, 4" hole size, Drill Type: Drifter	\$51.60	\$48.30
Atlas Copco LM100A/YD90, 2-1/2" hole size, Drill Type: Drifter	\$54.20	\$50.70
<b>Hand-Held Pavement Breaker</b>		
60-65 lbs	\$1.20	\$1.10
<b>Pneumatic Impact Beaker</b>		
Kent KB-2600 Air Ram, 2000lbs, 600 bpm	\$14.50	\$14.00
<b>Portable Rotary Screw Air Compressor</b>		
Diesel, 100psi, 100 cfm, 32 HP	\$10.60	\$10.60
Diesel, 100psi, 160 cfm, 60 HP	\$16.00	\$16.00
Diesel, 100psi, 450 cfm, 150 HP	\$38.40	\$38.30
Diesel, 125psi, 375 cfm, 115 HP	\$30.50	\$30.50
Diesel, 150psi, 600 cfm, 275 HP	\$63.20	\$63.10
<b>Compaction Equipment</b>		
<b>Hand-Held Rammer</b>		
Gasoline, 3180 lbs/blow, Shoe Size: 4"-13", 4 HP	\$5.50	\$5.30
<b>Hydraulic Compactor for Backhoe Mounting</b>		
Allied 9700C W/Swivel, 13400lbs, 2000 cycles/minute	\$11.70	\$11.30
		
<b>Self Propelled Pad Foot Compactor</b>		
Dynapac CT262, Diesel, Wheel size: 60"x39", Powershift transmission, 215 HP	\$138.30	\$133.90
		
<b>Self Propelled Pneumatic Compactor</b>		
Caterpillar PS-150C, 2.4MTons, Diesel, 9 wheels, 2/2 speeds, 96 HP	\$53.20	\$51.80
Hypac C550H, 3.5MTons, Diesel, 9 wheels, 3F/3R speeds, 99HP	\$82.00	\$79.70

Equipment Class and Description	Age	
	5	15
		
<b>Single Drum Vibratory Compactor</b>		
Caterpillar CP-323C, 3-4.9MTons, Diesel, Drum Type: Padfoot, Drum Width: 50", 80 HP	\$40.10	\$38.70
<b>Towed Pneumatic Compactor</b>		
Hercules PT-9, 9.6tons, 9 wheels	\$16.70	\$16.30
<b>Towed Steel Drum Static Compactor</b>		
Hercules GTD 5496, 2 drums, Drum Type: Grid	\$19.70	\$19.00
<b>Dozer</b>		
<b>Crawler Tractor Multi-Shank Rippers</b>		
130-189 HP, Parallelogram, 3 Shanks	\$10.60	\$10.00
260-359 HP, Parallelogram, 3 Shanks	\$26.40	\$24.80
		
<b>Standard Crawler Dozer</b>		
Caterpillar D3G XL, Diesel, Rollover Protection Structure (ROPS), Dozer Type: Variable Pitch Angle and Tilt (VPAT), 70 HP	\$51.50	\$50.00
Caterpillar D4G XL, Diesel, ROPS, Dozer Type: VPAT, 80 HP	\$57.70	\$56.10
Caterpillar D5N XL, Diesel, Enclosed Rollover Protection Structure (EROPS), Dozer Type: VPAT, 120 HP	\$78.70	\$76.40
Caterpillar D6N DS XL, Diesel, EROPS, Dozer Type: VPAT, 150 HP	\$104.90	\$101.60
Caterpillar D7R DS Series II, Diesel, EROPS, Dozer Type: Semi-U, 240 HP	\$159.00	\$153.90
Caterpillar D8T, Diesel, EROPS, Dozer Type: Semi-U, 310 HP	\$218.70	\$211.30
Caterpillar D9T, Diesel, EROPS, Dozer Type: Semi-U, 405 HP	\$289.90	\$280.40
Deere 450J LT, Diesel, ROPS, Dozer Type: PAT, 77 HP	\$55.30	\$53.70
Deere 550J LT, Diesel, ROPS/Falling Object PS (FOPS), Dozer Type: PAT, 85 HP	\$62.10	\$60.30
Deere 750J LGP, Diesel, ROPS, Dozer Type: PAT, 155 HP	\$102.10	\$99.10
Deere 850J LT, Diesel, ROPS, Dozer Type: PAT, 185 HP	\$119.60	\$115.80
<b>Distributors</b>		
<b>Asphalt Distributors For Truck Mounting</b>		
Power Mode: PTO, 1600 Gallon, Includes Burners, insulated tank, and circulating spray bar; propane fuel cost not included.	\$33.20	\$31.60

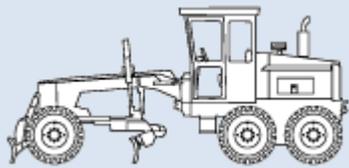
Equipment Class and Description	Age	
	5	15
Power Mode: PTO, 2000 Gallon, Includes Burners, insulated tank, and circulating spray bar; propane fuel cost not included.	\$33.60	\$31.90
Power Mode: PTO, 3100 Gallon, Includes Burners, insulated tank, and circulating spray bar; propane fuel cost not included.	\$37.20	\$35.40
<b>Feller Bunchers</b>		
		
<b>Crawler Mounted Feller Buncher</b>		
Deere 703G, Diesel, 181 HP	\$169.60	\$161.90
		
<b>Wheel Mounted Feller Buncher</b>		
Deere 643J, Diesel, Hydrostatic, 2-spd Transmission, 174 HP	\$143.10	\$138.20
<b>Hydraulic Excavators</b>		
		
<b>Crawler Mounted</b>		
Caterpillar 311C U, Diesel, 12 MTon, Bucket Capacity - Heaped: 0.39cy, 79 HP	\$57.50	\$55.20
Caterpillar 312C L, Diesel, 13.14 MTon, Bucket Capacity - Heaped: 0.68cy, 99 HP	\$66.00	\$63.40
Caterpillar 320C L, Diesel, 21 MTon, Bucket Capacity - Heaped: 1.25cy, 138 HP	\$107.40	\$103.10
Caterpillar 325C L, Diesel, 28.6 MTon, Bucket Capacity - Heaped: 1.5cy, 186 HP	\$126.60	\$121.80
Caterpillar 330C L, Diesel, 35.1 MTon, Bucket Capacity - Heaped: 2.25cy, 244 HP	\$152.10	\$146.50
Deere 120C, Diesel, 13.08 MTon, Bucket Capacity - Heaped: 0.78cy, 89 HP	\$68.00	\$65.30
Deere 200C LC, Diesel, 20.9 MTon, Bucket Capacity - Heaped: 1.12cy, 141 HP	\$93.60	\$90.10
Hitachi ZAXIS 200LC, Diesel, 20.6 MTon, Bucket Capacity - Heaped: 1.12cy, 147 HP	\$94.50	\$91.10

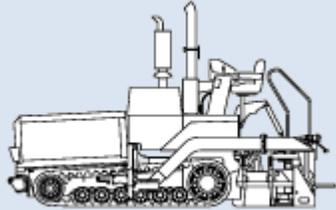
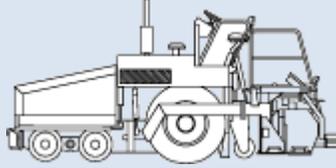
Equipment Class and Description	Age	
	5	15
Hitachi ZAXIS 270LC-3, Diesel, 28.6 Mton, Bucket Capacity - Heaped: 1.75cy, 188 HP	\$129.90	\$124.80
Komatsu PC120-6, Diesel, 12.03 Mton, Bucket Capacity - Heaped: 0.62cy, 89 HP	\$63.00	\$60.50
Komatsu PC160LC-7, Diesel, 16.6 Mton, Bucket Capacity - Heaped: 0.85cy, 115 HP	\$83.00	\$79.80
Komatsu PC200-7, Diesel, 20.01 Mton, Bucket Capacity - Heaped: 1.00cy, 143 HP	\$89.70	\$86.50
Komatsu PC220LC-8, Diesel, 24.9 Mton, Bucket Capacity - Heaped: 1.57cy, 168 HP	\$123.20	\$118.40
Komatsu PC270LC-8, Diesel, 30.1 Mton, Bucket Capacity - Heaped: 1.85cy, 187 HP	\$136.80	\$131.40
<b>Loaders</b>		
		
<b>4WD Articulated Wheel Loader</b>		
Case 21E, Diesel, Bucket Capacity - Heaped: 0.92cy, EROPS, 50 HP	\$30.50	\$29.60
Caterpillar IT28G, Diesel, Bucket Capacity - Heaped: 2.35cy, EROPS, 143 HP	\$54.00	\$52.40
Caterpillar IT38G Series II, Diesel, Bucket Capacity - Heaped: 3.5cy, EROPS, 160 HP	\$67.30	\$65.20
Komatsu WA250-5, Diesel, Bucket Capacity - Heaped: 3.0cy, EROPS, 134 HP	\$52.40	\$50.90
		
<b>Skid Steer Loader</b>		
Bobcat 463, Diesel, 700lbs operating capacity, 22.5 HP	\$18.80	\$18.40
Bobcat S130, Diesel, 1300lbs operating capacity, 49 HP	\$28.30	\$27.80
		
<b>Standard Crawler Loader</b>		
Caterpillar 939C, Diesel, Bucket Capacity: 1.5cy, ROPS, 90 HP	\$60.90	\$58.90

## Equipment Rates

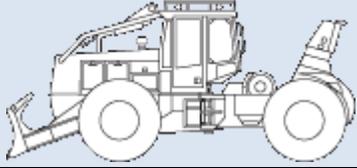
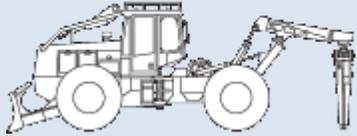
Equipment Class and Description	Age	
	5	15
Caterpillar 953C, Diesel, Bucket Capacity: 2.42cy, ROPS, 128 HP	\$98.60	\$95.10
Caterpillar 963C, Diesel, Bucket Capacity: 3.2cy, ROPS, 158 HP	\$128.40	\$124.00
		
<b>Tractor-Loader-Backhoe</b>		
Case 580 Super M Series 2, Diesel, 2WD, Digging Depth < 15', Loader Bucket Capacity - Heaped: 1.00cy, Extendable Backhoe Stick, ROPS, 90 HP	\$41.40	\$40.20
Case 580 Super M Series 2, Diesel, 4WD, Digging Depth < 15', Loader Bucket Capacity - Heaped: 1.00cy, Extendable Backhoe Stick, ROPS, 90 HP	\$43.70	\$42.30
Deere 310G, Diesel, 2WD, Digging Depth < 15', Loader Bucket Capacity - Heaped: 1.00cy, Extendable Backhoe Stick, ROPS/FOPS, 70 HP	\$35.10	\$34.00
<b>Miscellaneous Equipment</b>		
<b>Chain Saw</b>		
Gasoline, 3cu.in., 20" bar length	\$2.50	\$2.50
<b>Cordless Drill</b>		
Electric, Variable 2-spd, Rev., 370/1000 RPM, 0.5-inch	\$0.80	\$0.80
<b>Enclosed Horizontal Motor</b>		
1200 RPM, 460/575 Volts, 100 HP	\$7.00	\$6.90
1200 RPM, 460/575 Volts, 25 HP	\$1.90	\$1.90
<b>Heavy Duty Centrifugal Pump</b>		
Diesel, 18M CPB Rating, 3-inch, 18000 gph, 10 HP	\$8.30	\$8.20
Diesel, 40M CPB Rating, 4-inch, 40000 gph, 45 HP	\$21.70	\$21.50
Gasoline, 20M CPB Rating, 3-inch, 20000 gph, 18 HP	\$13.50	\$13.40
Gasoline, 8M CPB Rating, 2-inch, 9600 gph, 9 HP	\$9.70	\$9.60
<b>Large Generator Set</b>		
Diesel, 150 kW, Open Enclosure, 240 HP	\$69.00	\$68.80
Diesel, 300 kW, Open Enclosure, 400 HP	\$113.70	\$113.30
Diesel, 60 kW, Open Enclosure, 88 HP	\$30.50	\$30.30
Diesel, 90 kW, Open Enclosure, 130 HP	\$40.40	\$40.20
<b>Pressure Washer Hot</b>		
Gasoline, 4 gpm, 1000 psi, Portable, 8 HP	\$8.90	\$8.60
Gasoline, 5 gpm, 3000 psi, Portable, 16 HP	\$11.60	\$11.10
<b>Rotary Mower</b>		
PTO, Type: Rotary(Rear mounted), 10ft Blade, 90 HP	\$16.00	\$15.30
PTO, Type: Rotary(Side mounted), 5.5ft Blade, 50 HP	\$12.90	\$12.40
<b>Rubber Tired Brush Cutter</b>		
Hydo-Ax 621E, Diesel, 8ft Cutter, 177 HP	\$148.50	\$142.00

## Equipment Rates

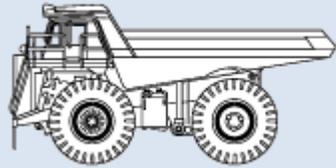
Equipment Class and Description	Age	
	5	15
<b>Seed Sprayer for Truck Mounting</b>		
Reinco HG-10GX, Gasoline, 1250 Gallon, 34 HP	\$17.40	\$16.90
<b>Small Generator Set</b>		
Gasoline, 1000 w, 3.5 HP	\$2.50	\$2.50
Gasoline, 3000 w, 8 HP	\$4.30	\$4.30
<b>Suction Hose</b>		
2-inch, 25 ft	\$0.20	\$0.20
3-inch, 25 ft	\$0.30	\$0.20
4-inch, 25 ft	\$0.30	\$0.30
<b>Towed Mower</b>		
PTO, Type: Flail, 7ft Blade, 55 HP	\$5.90	\$5.50
<b>Trailer Mounted Brush Chipper</b>		
Bandit 150XP, Diesel, 12-inch, 125 HP	\$45.80	\$44.40
<b>Trailer Mounted Mucher</b>		
Reinco M90, Diesel, 20 tph, 115 HP	\$36.70	\$35.70
<b>Trailer Mounted Mulcher</b>		
Gasoline, 5 tph, 35 HP	\$13.80	\$13.40
<b>Truck Scale</b>		
Steel Deck, 60 ton, 70'x10'	\$20.30	\$19.80
<b>Walk-Behind Chain Trencher</b>		
Ditch Witch 1820, Gasoline, 3.25-inch Trench Width, 48-inch Trench Depth, 17.5 HP	\$12.20	\$11.90
<b>Motor Graders</b>		
		
<b>Articulated Frame Grader</b>		
Caterpillar 120H, Diesel, ROPS, 12' Moldboard, 125 HP	\$61.30	\$59.20
Caterpillar 140H, Diesel, ROPS, 12' Moldboard, 165 HP	\$92.00	\$88.60
Caterpillar 14H, Diesel, ROPS, 14' Moldboard, 220 HP	\$124.60	\$119.50
Caterpillar 16H, Diesel, ROPS, 16' Moldboard, 285 HP	\$165.90	\$159.40
Deere 770G, Diesel, EROPS, 12' Moldboard, 165 HP	\$84.50	\$81.50
<b>Grader Rear Ripper/Scarifier</b>		
185 HP and over, 3, Shanks	\$11.30	\$10.60
upto 180 HP, 3 Shanks	\$6.70	\$6.40

Equipment Class and Description	Age	
	5	15
<b>Paving &amp; Chip Sealing Equipment</b>		
		
<b>Crawler Mounted Asphalt Paver</b>		
Caterpillar AP-655C, Diesel, Screed Model: 8-16B Extend-A-Mat, 158 HP	\$273.30	\$266.60
Lee-Boy 1000F, Diesel, Screed Model: Legend (8'-15' width), 44 HP	\$51.00	\$49.90
<b>Pull Type Pavement Broom</b>		
Drive Type: Engine, 84-inch broom length, 20 HP	\$15.70	\$15.00
<b>Self Propelled Chip Spreader</b>		
Rosco SPR-H, Diesel, 10ft Spreader Hopper, 152 HP	\$99.60	\$96.40
<b>Self Propelled Pavement Broom</b>		
Diesel, Hydrostatic Transmission, 96-inch broom length, 80 HP	\$29.10	\$28.50
<b>Towed Chip Spreader</b>		
Gasoline, w/ Chain Conveyor, 7ft Spreader Hopper, 7 HP	\$4.80	\$4.70
		
<b>Wheel Mounted Asphalt Paver</b>		
Barber-Greene BG-240C, Diesel, 2WD, Screed Model: Pavemaster 10B (fixed width 10'), 139HP	\$219.40	\$214.60
Lee-Boy 1000F, Diesel, Screed Model: Legend (8'-15' width), 37 HP	\$68.10	\$66.80
Vogele 2111W, Diesel, 4WD, Screed Model: HR400D, 110HP	\$189.70	\$185.10
<b>Rock Crushing Equipment</b>		
<b>Cone Crusher</b>		
Electric, Cone Type: Standard, Head Size:45", 125 HP required	\$56.50	\$53.50
<b>Double Deck Portable Screening Plant</b>		
Gasoline, Screen Width: upto 36", Screen Size: 3'x6', Conveyor Size: 30"x60', 60 HP	\$49.70	\$48.60
<b>General Purpose Portable Belt Conveyor</b>		
Diesel, upto 23" Belt Width, Convery Size: 18"x30', 150tph, 40 HP	\$23.70	\$23.10
<b>Gravel Plant</b>		
Pioneer 2036-3024 Duplex, Electric, Roll Crusher Size:30"X24" Triple, Jaw Crusher Size: 20"x36", Screen Size: 48"X14', 295 HP required	\$151.50	\$145.70

## Equipment Rates

Equipment Class and Description	Age	
	5	15
<b>Heavy Duty Apron Feeder</b>		
Electric, 3 Chains, Size: 36"X14', 7.5 HP	\$31.80	\$29.70
<b>Jaw Crusher</b>		
Electric, Gape Sizes: 25"-41", Feed Size: 15"x36", 75 HP	\$31.50	\$30.00
<b>Radial Stacker</b>		
Diesel, upto 23" Belt Width, Convery Size: 18"x100', 170tph, 38 HP	\$39.60	\$38.20
<b>Roll Crusher</b>		
Electric, Roll Type: Double, Rotor Size (DxW): 30"x25", 100-200 HP required	\$37.60	\$35.40
<b>Triple Deck Portable Screen Plant</b>		
Diesel, Screen Width: 37" and over, Screen Size: 5'x10', Coneyor Size: 42"x50', 110 HP	\$72.80	\$71.00
<b>Skidders</b>		
		
<b>Wheel Mounted Cable Log Skidder</b>		
Caterpillar 525B, Diesel, Powershift Transmission, 40300lbs maximum Line Pull, 160 HP	\$111.90	\$108.80
Deere 540G III, Diesel, Powershift Transmission, 35029lbs maximum Line Pull, 117 HP	\$84.80	\$82.30
Franklin 405 S2, Diesel, Powershift Transmission, 40000lbs maximum Line Pull, 135 HP	\$84.10	\$81.80
		
<b>Wheel Mounted Grapple Log Skidder</b>		
Caterpillar 525B, Diesel, Powershift Transmission, 49650lbs maximum Line Pull, 120-inch Grapple, 160 HP	\$120.00	\$116.50
Franklin 405 S2, Diesel, Powershift Transmission, 34000lbs maximum Line Pull, 100-inch Grapple, 135 HP	\$94.90	\$92.20
<b>Trailers</b>		
<b>Fixed Gooseneck Equipment Trailer</b>		
3 Axles, Drop Deck, 17' Deck Length, 35ton	\$18.30	\$18.00
3 Axles, Drop Deck, 17'-18' Deck Length, 50ton	\$19.30	\$18.90
<b>Folding Gooseneck Equipment Trailer</b>		
4 Axles, Drop Deck, 16 tires, 75ton	\$28.50	\$27.90

## Equipment Rates

Equipment Class and Description	Age	
	5	15
<b>Off-Highway Bottom Dump Semi-Trailer</b>		
1 Gate, Capacity: 18cy, Payload: 27ton	\$12.70	\$12.30
<b>Off-Highway Bottom Dump Trailer</b>		
Load King 2030, Capacity: 20cy, Payload: 30ton	\$36.30	\$36.10
Load King 2842, Capacity: 28cy, Payload: 42ton	\$37.50	\$37.30
<b>Standard Field Office Trailer</b>		
8'X24'	\$2.40	\$2.30
8'X24' with Toilet	\$2.70	\$2.60
<b>Trucks</b>		
		
<b>Mechanical Drive Rear Dump</b>		
Caterpillar 769D, 36.4 MTons, Diesel, 22.3-31.7cy, 487 HP	\$163.30	\$157.20
Caterpillar 773E, 54.4 MTons, Diesel, 34.8-46.4cy, 671 HP	\$201.90	\$194.50
<b>On-Highway Flatbed Truck</b>		
Diesel, 4x2, 15000 maximum gross vehicle weight, 200 HP	\$27.00	\$26.40
Diesel, 4x2, 25000 maximum gross vehicle weight, 200 HP	\$30.30	\$29.50
<b>On-Highway Light Duty Truck</b>		
Diesel, 4x2, Conventional Cab, 3/4ton, 160 HP	\$14.70	\$14.50
Diesel, 4x4, Conventional Cab, 3/4ton, 160 HP	\$15.40	\$15.20
Diesel, 4x4, Crew Cab, 1ton, 340 HP	\$26.10	\$25.80
Gasoline, 4x4, Crew Cab, 3/4ton, 285 HP	\$27.60	\$27.30
<b>On-Highway Rear Dump</b>		
Diesel, 6x4, 40000lbs maximum gross vehicle weight, 8-10cy, 315 HP	\$62.60	\$61.00
Diesel, 6x4, 50000lbs maximum gross vehicle weight, 10-12cy, 400 HP	\$78.00	\$75.90
Diesel, 6x4, 70000lbs maximum gross vehicle weight, 12-18cy, 400 HP	\$85.30	\$82.80
<b>On-Highway Truck Tractor</b>		
Diesel, 6x4, 50000lbs maximum gross vehicle weight, 310 HP	\$64.80	\$63.30
Diesel, 6x4, 75000lbs maximum gross vehicle weight, 400 HP	\$77.60	\$75.90
<b>On-Highway Water Tanker</b>		
Diesel, 3000 Gallon, 190 HP	\$40.60	\$39.50
Diesel, 4000 Gallon, 250 HP	\$61.50	\$59.60
Gasoline, 2000 Gallon, 175 HP	\$42.20	\$41.30

*End of Equipment Rates*

# LABOR RATES

**LABOR RATES (Davis-Bacon + payroll loading + 10 percent OH + 6 percent profit)**

<b>Classification</b>	<b>Idaho Area 1 Zone 1</b>	<b>Idaho Area 1 Zone 2</b>	<b>Idaho Area 2 Zone 2</b>	<b>Montana Zone 1</b>	<b>Montana Zone 2</b>	<b>Montana Zone 3</b>
General Laborer	\$41.32	\$43.99	\$47.26	\$36.27	\$39.83	\$41.96
Driller, Air Track	\$49.64	\$52.49	\$51.91	\$42.26	\$46.35	\$48.80
Sawyer	\$46.13	\$49.14	\$52.22	\$42.98	\$47.15	\$49.66
Powderman	\$45.67	\$48.53	\$54.77	\$43.90	\$47.98	\$50.43
Tractor Operator (to D6 or equiv)	\$47.13	\$49.79	\$49.58	\$42.82	\$46.38	\$48.51
Tractor Operator (D6 or larger)	\$48.08	\$50.74	\$49.58	\$44.04	\$47.60	\$49.74
Grader Operator	\$48.08	\$50.74	\$49.58	\$42.82	\$46.38	\$48.51
Loader Operator (4 cy and less)	\$47.35	\$50.01	\$49.13	\$42.82	\$46.38	\$48.51
Loader Operator (over 4 cy)	\$48.08	\$50.74	\$49.58	\$44.04	\$47.60	\$49.74
Backhoe Operator (under 3 cy)	\$47.72	\$50.38	\$49.35	\$42.82	\$46.38	\$48.51
Shovel/Hyd Excavator	\$48.08	\$50.74	\$49.58	\$44.04	\$47.60	\$49.74
Lowboy/Semi-Tractor (under 50 ton)	\$43.61	\$46.27	\$48.09	\$42.85	\$46.41	\$48.55
Dump Truck Driver (12 cy and less)	\$43.24	\$45.90	\$47.85	\$42.85	\$46.41	\$48.55
Dump Truck Driver (over 12 cy)	\$43.38	\$46.04	\$48.09	\$42.85	\$46.41	\$48.55
Skidder Cat Operator	\$51.56	\$54.57	\$54.56	\$48.57	\$52.74	\$55.25
Rubber Tired Skidder	\$51.80	\$54.81	\$54.30	\$48.57	\$52.74	\$55.25
Log Loader Operator	\$52.62	\$55.63	\$54.56	\$50.01	\$54.18	\$56.68

**PAYROLL LOADING RATE (Social Security + Workers' Comp + Unemployment)**

<b>Class Description</b>	<b>Class</b>	<b>Idaho</b>	<b>Montana</b>
Forest Road Constr/Separate Contract	5511	N/A	30.08%
R/W Timber or Forest Road Constr/No Separate Contract	2702	29.76%	43.83%
Surface or Paving Work	5506	16.96%	36.29%
Subsurface Work or Road Constr/Major Road	5507	14.72%	22.76%
Quarry Work	5508	23.23%	40.88%
Crushing Only	1710	17.53%	22.53%
Log Haul	2727	29.76%	30.03%

*End of Labor Rates*